

DCSOAI - CISCO SILICON ONE FOR AI NETWORKING

Course Code: 860071

Explore Cisco Silicon One's role in AI networks, its origins, technical features, and high-performance AI applications.

The **Cisco Silicon One for AI Networking (DCSOAI)** Learning Path helps technical professionals become familiar with the Cisco Silicon One architecture and performance. You will examine the technical limitations of traditional silicon, evaluate the drivers behind the Cisco Silicon One development, and assess its unified architecture and performance metrics, including throughput, latency, and power consumption. You will compare model-specific applications, differentiate between switching, routing, and AI fabric deployments, and investigate traffic optimization techniques for AI/ML workloads. Upon completion, you will be equipped to analyze, implement, and optimize Cisco Silicon One solutions for service provider, cloud, and AI-driven networks.

What You'll Learn

You will learn to:

- Analyze the limitations of traditional silicon and evaluate the architectural and performance advantages of Cisco Silicon One
- Assess and compare various deployment scenarios—including switching, routing, and AI fabrics—while applying traffic optimization techniques for AI/ML workloads
- Implement and optimize Cisco Silicon One solutions across service provider, cloud, and AI-driven network environments

Who Needs to Attend

Technical professionals new to Cisco Silicon One who would like to become familiar with the Cisco Silicon One architecture and performance.

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ON-DEMAND

\$150 USD

On-Demand Outline

- Pre-Assessment
- Cisco Silicon One for High-Performance AI Networking
- Cisco Silicon One Architecture and Performance Analysis
- Cisco Silicon One AI Network Deployment
- Post-Assessment

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.

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